

In re application of: Charles R. Cantor and Chunming Ding  
Application No.: 10/655,762 Group No.: To be assigned  
Filed: September 5, 2003 Examiner: To be assigned  
For: QUANTIFICATION OF GENE EXPRESSION

**Amendments to the Specification:**

On page 5, please amend Paragraph [0021] as follows:

[0021] FIG 2 shows a peak area distribution for the same oligo at the same concentration. Oligo 47954 (5'-ATGGCCACAGTTGTATCA-3') (SEQ ID NO:1) were used at 0.3  $\mu$ M and 15 nL is used for spotting onto a silicon chip prespotted with a matrix of 3-hydroxypicolinic acid (HPA). The absolute peak areas for oligos with the same concentration spotted at different positions of the same chip show modest variability with average peak area of 12395 (arbitrary number) and standard deviation of 3737.

On page 6, please amend Paragraph [0025] as follows:

[0025] FIGS 6 A-6H shows gene expression (GAPDH, HMBS and CXCR4) analysis using real competitive PCR and mass spectrometry.